



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yasuaki NAKANO et al.

Group Art Unit: 3748

Application No.: 10/527,269

Examiner: D. TRAN

Filed: March 21, 2005

Docket No.: 123106

For: EXHAUST PURIFICATION DEVICE OF INTERNAL COMBUSTION ENGINE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. A concise explanation of the relevance of one or more non-English language reference cited herein appears in the Appendix attached. See References 1-3.
- 3. An English language Abstract of one or more non-English language reference is attached. See Reference(s) 1-3.
- 4. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 1-3.

Respectfully submitted,



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Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 123106	APPLICATION NO. 10/527,269
O P E I M P R JUN 11 2007 P A T E N T & T R A D E M A R K O F F I C E		INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		
		APPLICANT(S) Yasushi NAKANO et al.		
		FILING DATE March 21, 2005		GROUP 3748

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Date	Name

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
1	JP A 05-302508		11/16/1993	JAPAN	X	X
2	JP A 2001-000840		01/09/2001	JAPAN	X	X
3	JP A 2001-107720		04/17/2001	JAPAN	X	X

## OTHER DOCUMENTS

Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)		

EXAMINER

/Diem Tran/

DATE CONSIDERED 07/23/2008

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DT/

Date: June 11, 2007



Document Number	Publication Date	Brief Explanation or Page(s) & Line(s) of Related Part(s)
JP5-302508A	November 16, 1993	NOx absorbent 21 having a NOx absorbing layer thereon is arranged in series in an engine exhaust passage downstream of a zeolite group NOx catalyst 18.
JP2001-840A	January 9, 2001	A catalyst having at least rhodium Rh is arranged in an engine exhaust passage. Reducing agent is periodically fed into an exhaust gas flowing into the catalyst to restore the oxygen poisoning of rhodium Rh.
JP2001-107720A	April 17, 2001	A catalyst having a NOx absorber and noble metal thereon is arranged in an engine exhaust passage. When NOx absorbed in the NOx absorber should be released and reduced, solid reducing agent is fed into an exhaust gas flowing into the catalyst without changing the air-fuel ratio from lean to rich. At this time, oxygen poisoning of the catalyst is restored.